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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 30740/285902 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/518182
INTERNATIONAL APPLICATION NO. PCT/GB03/02529	INTERNATIONAL FILING DATE 11 June 2003	PRIORITY DATE CLAIMED 18 June 2002
TITLE OF INVENTION Display Driver Circuits		
APPLICANT(S) FOR DO/EO/US Paul R. ROUTLEY and Euan C. SMITH		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: International Search Report; return receipt postal card		

PTO-1390 (Rev. 12-2004)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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U.S. APPLICATION NO. (if known; see 37 CFR 1.5) 10510182		INTERNATIONAL APPLICATION NO. PCT/GB03/02529		ATTORNEY'S DOCKET NUMBER 30740/285902																	
21. The following fees are submitted:																					
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$ 300.00	<table border="1"><tr><td colspan="2">FEE VALUE</td></tr><tr><td>300</td><td>00</td></tr><tr><td colspan="2">RECEIVED BY</td></tr><tr><td colspan="2">REPORT ACCOUNT NO.</td></tr><tr><td colspan="2">13 2855</td></tr><tr><td colspan="2">FEE CODE</td></tr><tr><td colspan="2">1032 (500)</td></tr><tr><td colspan="2">1042 400</td></tr></table>	FEE VALUE		300	00	RECEIVED BY		REPORT ACCOUNT NO.		13 2855		FEE CODE		1032 (500)		1042 400	
FEE VALUE																					
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<input checked="" type="checkbox"/> b) Examination fee \$200.00				\$ 200.00																	
<input checked="" type="checkbox"/> c) Search fee \$500.00				\$ 500.00																	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 1,000.00																	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																		
- 100 =	/50 =		x \$250.00																		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$																	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																		
Total claims	31 - 20 =	11	x 50.00	\$ 550.00																	
Independent claims	3 - 3 =	0																			
Adjustment date: 10/17/2005 12/21/2004 GREY1 00000864 10510182 02 FQ:1632																					
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$ -500.00 NP																	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,550.00																	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$																	
SUBTOTAL =				\$ 1,550.00																	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$																	
TOTAL NATIONAL FEE =				\$ 1,550.00																	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per page. Name/Number: 10510182				\$ 100.00 CR																	
TOTAL FEES ENCLOSED =				\$ 1,550.00																	
				Amount to be refunded:	\$ 1,550.00																
				Amount to be charged:	\$																
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,550.00 to cover the above fees is enclosed.																					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2855. A duplicate copy of this sheet is enclosed.																					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																					
SEND ALL CORRESPONDENCE TO:																					
				SIGNATURE	James P. Zeller																
				NAME																	
CUSTOMER NUMBER: 04743				28,491	REGISTRATION NUMBER																

0/518182

DT01 Rec'd PCT/PTC PATENT 16 DEC 2004

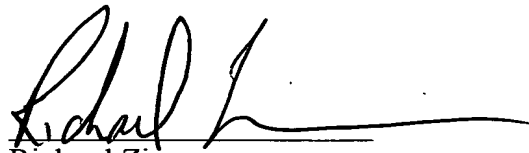
**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicants: Routley et al.)	For: DISPLAY DRIVER CIRCUITS
)	
U.S. National Phase of)	Group Art Unit: To be assigned
PCT/GB03/02529 filed June 11, 2003)	
)	Examiner: To be assigned
Filed: Herewith)	
)	
)	
)	

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that the attached five items (a) through (e) are being deposited with the United States Postal Service on December 16, 2004, in a postage-paid envelope addressed to Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV323770892US.

- (a) Transmittal letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. §371;
- (b) Application, including 30 sheets of description, five sheets of claims, and 10 sheets of drawings;
- (c) Preliminary Amendment;
- (d) Information Disclosure Statement; and
- (e) International Search Report.


Richard Zimmermann

10/518182
DT01 Rec'd PCT/PTC 16 DEC 2004

FEE SUMMARY SHEET

Transmittal to US Designated-Elected Office (PTO 1390)

Date: December 16, 2004
Time: 8:02 AM
Docket: 30740/285902

Filing Date: Concurrently Herewith
Application No: Not Yet Assigned
Total Fee: \$ 1,550.00

Code	Amount	37 CFR	Fee Description	Listed on
1631	300.00	1.492	Basic National Stage fee	Transmittal to US Designated-Elected Office (PTO 1390)
1632	500.00	1.492	National Stage search fee	Transmittal to US Designated-Elected Office (PTO 1390)
1633	200.00	1.492	National Stage examination fee	Transmittal to US Designated-Elected Office (PTO 1390)